

*IPW*

PTO/SB/21 (09-04)

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/668,387
	Filing Date	September 23, 2003
	First Named Inventor	Zheng Tan et al.
	Art Unit	1731
	Examiner Name	Alvo, Marc S.
Total Number of Pages in This Submission	Attorney Docket Number	TEC-024170-US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Copy of International Search Report
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	Copy of US Patents
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	International Paper Company	
Signature	<i>Matthew M. Eslami</i>	
Printed name	Matthew M. Eslami	
Date	04/28/05	Reg. No. 45,488

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:		
Signature	<i>Michele L Wolfer</i>	
Typed or printed name	Michele L Wolfer	Date 04/28/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL**  
**For FY 2005****Complete if Known**

Application Number	10/668,387
Filing Date	September 23, 2003
First Named Inventor	Zheng Tan et al.
Examiner Name	Alvo, Marc S.
Art Unit	1731
Attorney Docket No.	TEC-024170-US

☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)  
180.00**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 09-0525 Deposit Account Name: International Paper Co.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>
_____ - 20 or HP = _____ x _____ = _____		
HP = highest number of total claims paid for, if greater than 20.		
<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>
_____ - 3 or HP = _____ x _____ = _____		
HP = highest number of independent claims paid for, if greater than 3.		

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
_____ - 100 = _____	_____ / 50 = _____	(round up to a whole number) x _____	= _____	

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Information Disclosure Statement **Fees Paid (\$)**  
180.00**SUBMITTED BY**

Signature	<u>Matthew M. Eslami</u>	Registration No. (Attorney/Agent)	45,488	Telephone	513-248-6193
Name (Print/Type)	Matthew M. Eslami			Date	04/28/05

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Tan et al.

Serial No.: 10/668,387

Group Art Unit: 1731

Filed: September 23, 2003

Examiner: Alvo, Marc S

For: Chemical Activation and Refining of Southern Pine Kraft Fibers

INFORMATION DISCLOSURE STATEMENT AND PETITION  
UNDER 37 C.F.R. §1.97(c)

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir: .

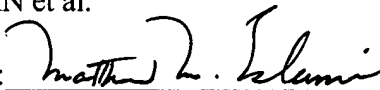
In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the following documents listed in the attached Form PTO-1449 which the Examiner may deem relevant to patentability of the claims of the above-identified application. The listed items of information were cited in the prosecution of the PCT counterpart of this application. Copies of the items of information required under 37 CFR§1.98(2) are attached. .

This Information Disclosure Statement is filed before the mailing date of the first of a final action under 37 CFR §1.113 or notice of allowance under 37 CRF §1.311. Applicant's attorney certifies that no item of information cited in this Information Disclosure Statement was cited in a communication from a foreign Patent Office in a counterpart foreign patent application or, to the knowledge of applicant's attorney, was known to any individual designated in 37 CFR § 1.56 (c) more than three months prior to the filing date of this Information Disclosure Statement; or that each document cited in this Information Disclosure Statement was cited in a communication from a foreign Patent Office in a counterpart patent application not cited more than three (3) months prior to the filing date of this Information Disclosure Statement.

The submission of the listed documents is not intended as an admission that such documents constitute prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application. Applicants respectfully request that an initialed copy of Form, PTO-1449 be returned in accordance with MPEP §609. If there are

any questions or if additional information is required regarding this submission, the Examiner is respectfully requested to contact applicant's attorney at the telephone number listed below.

Respectfully submitted,  
TAN et al.

By: 

Date: April 28, 2005

Matthew M. Eslami  
Reg. No. 45,488  
Patent Agent for Applicant(s)  
International Paper  
6285 Tri-Ridge Boulevard  
Loveland, OH 45140  
Phone: (513) 248-6193  
Fax: (513) 248-6455  
E-mail: matt.eslami@ipaper.com





Attorney Docket No.: TEC-024170-US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Zheng Tan et. al.                      Group Art Unit: 1731  
Serial No.: 10/668,387                      Examiner: Alvo, Marc S.  
For: Chemical Activation and Refining of Southern Pine Kraft Fibers  
Filed: September 23, 2003

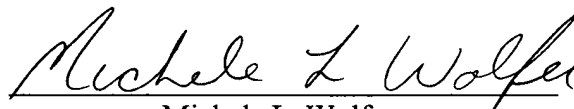
**CERTIFICATE OF MAILING**

Mail Stop Amendment  
Commissioner of Patents and Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I hereby certify that the documents listed below are being deposited with the United States Postal Service in an envelope addressed to: Mail Stop Amendment, Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450, on April 28, 2005.

1. Transmittal Form PTO/SB/21, 1 sheet(s);
2. Information Disclosure Statement, 2 sheet(s);
3. Form PTO/SB/08A (PTO-1449), 1 sheet(s);
4. US Patents: US 2,512,338; 4,270,976; 5,002,635; 1,298,552; 3,308,012; 1,298,553; 4,470,212; 1,298,554.
5. International Search Report
6. Fee Transmittal PTO/SB/17, 1 sheet(s);
7. Postcard

  
Michele L. Wolfer